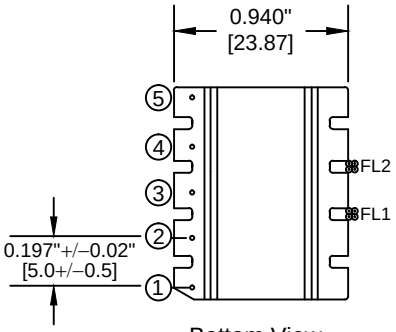
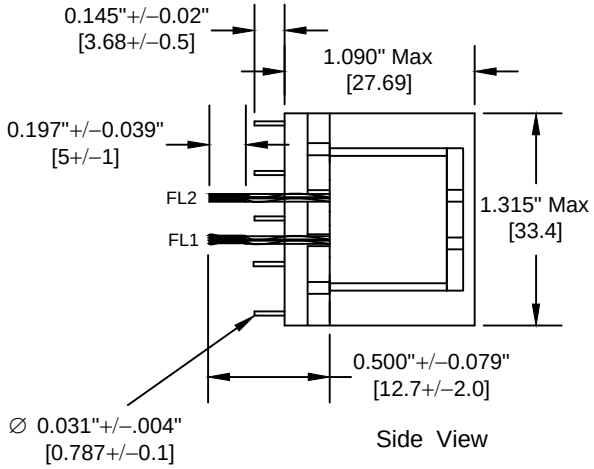
- SWITCHMODE THRU-HOLE TRANSFORMER DESIGNED FOR USE WITH POWER INTEGRATIONS TNY259EN 65W NOTE BOOK ADAPTER APPLICATION. DESIGNED TO COMPLY WITH IEC950, EN60950, UL1950/CSA950, CLASS II REINFORCED INSULATION (TIW), 250V.
- RoHS COMPLIANT.
- DESIGNED FOR EN55022 AND CISPR-22B CLASS B FOR EMC NOISE PERFORMANCE.
- MEETS ENERGY STAR V2.0 DRAFT REQUIREMENT OF >87.5% EFFICIENCY.

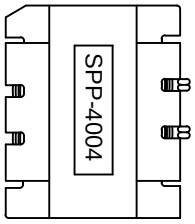
REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
12/04/2015	-1	Corrected mm dims, was 3.7mm, 27.7, 0.8	Tjk



Bottom View



Side View



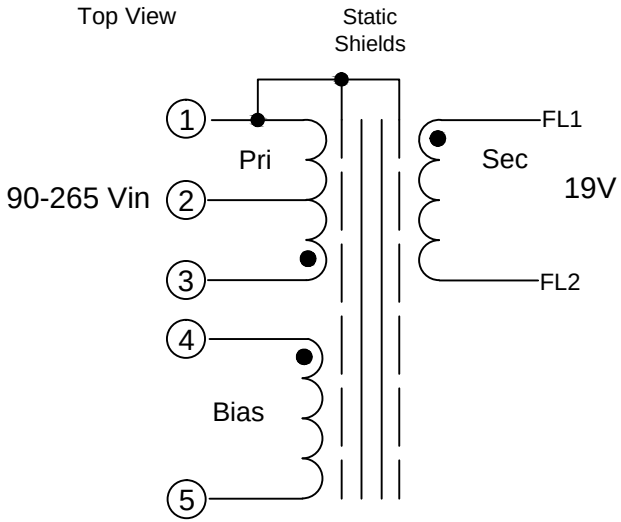
Top View

Electrical Specifications:
Dcr Pri 1 - 3: 0.115 Ω Max
Bias 4 - 5 : 0.0345 Ω Max
Sec FL1 - FL2 : 0.0057 Ω Max
Turns Ratio: 1 - 3 : 4 - 5 = 1 : 0.145
1 - 3 : FL1 - FL2 = 1 : 0.088
Pri Inductance (1 - 3) : 343 μH +/– 5%
100KHz,0.4Vrms
Leakage Induct. (1 - 3) with (4 - 5) &
(FL1 - FL2) shorted : 4μH Max
Resonant Frequency (1 - 3), all other wdgs open :
1MHz Min
Dielectric : 3000Vac,60Hz, 1sec Primary to
Secondary

Designed for TOP259EN Chip up to 65.0W; VAc in: 90 - 265Vac, 1 DC output +19V@3.42Adc Meets Energy Star V2.0 draft Requirement of >87.5% efficiency, EN55022 / CISPR-22B for EMC noise performance.

Designed to comply with IEC950,EN60950,UL1950/CSA950 Class II Reinforced Insulation(Triple insulated wire)

Comply with the requirements of EU RoHS Directive



All dimensions are reference unless otherwise specified. mm = [ ]

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SCALE : None	APPROVED BY : GaryGarcia	DRAWN BY : G.G.
DATE : 06/08/09		REVISED :

Top259EN 65W Transformer

65 W Note Book Adapter

DRAWING NUMBER
SPP-4004 - 1